# **General Instructions**

If you work slowly and carefully, you can build an excellent Deep Impact model. Practice the techniques described below if this is your first experience with paper modeling.

#### Tools You'll Need

- Small scissors with 1–2 in. blade or a mat knife with a new blade
- A scriber (available at hobby stores) or large sewing needle (or you can use the back of the mat knife)
- Metal ruler
- · White glue
- Glue stick
- Wax paper
- Heavy book
- Cutting board or cardboard

#### The Parts

The model has four major parts. Each part has an instruction page. Build the parts in the order they are lettered (A–D).

# **Building Techniques**

#### 1. Scoring

BEFORE cutting out the parts, you must score them. Scoring slightly weakens the paper, making it easier to fold. To score:

- a. Lay the part page on a cutting board or on cardboard to protect your furniture.
- b. Find where a fold is marked on the part with a dashed line (---).
- c. Carefully line up the ruler with the dashed line.
- d. Use a scriber, sewing needle, or the back of the mat knife to gently draw along the ruler.

### 2. Cutting

Carefully cut out the parts with scissors or with a mat knife and ruler.

Caution: Mat knives are extremely sharp!

### 3. Folding

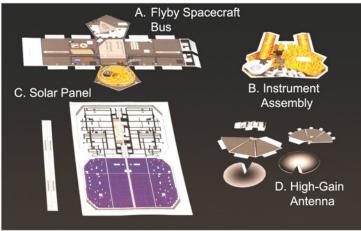
BEFORE gluing any parts, fold them and check their fit.

# 4. Gluing

Apply glue sparingly; too much glue will warp the parts. You may want to apply glue to very small pieces with toothpicks.

Note: Use white glue for the best results. Only the solar panel requires using a glue stick.









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